

Instructions for Marbled Murrelet Form Western Washington Forest Practices Application/Notification

If you are substituting prescriptions from an approved state or federal conservation agreement (Habitat Conservation Plan (HCP)) or Cooperative Habitat Enhancement Agreement (CHEA) you do not need to complete this form. You must include a copy of the applicable conservation agreement prescriptions and indicate the corresponding Washington Administrative Codes (WAC) that are being substituted by the conservation agreement prescriptions with the FPA/N. If you have prescriptions on file with DNR, please reference which prescriptions you will be using.

This form is only necessary if you are harvesting timber (including salvage) or constructing roads within 50 miles of saltwater (marine waters), since these activities may impact marbled murrelet critical habitat. Your application will be a Class IV-Special if your activity is within critical habitat. DNR will review your information and contact you if a State Environmental Policy Act (SEPA) checklist is required.

Other activities within or near critical habitat are subject to timing restrictions. See WAC 222-24-030, 222-30-050, 222-30-060, 222-30-065, 222-30-070 and 222-30-100.

Instructions for completing the form

Answer every question. If your answer is No, go to the next question.

1. For this FPA/N, has a protocol survey (s) been completed for:

- **Harvest units (and within 300 ft on your ownership), or**
- **Salvage units (and within 300 ft on your ownership), or**
- **Any area of proposed road construction (and within 300 ft on your ownership)?**

If 'Yes', fill out the table and check the appropriate findings below.

WAC 222-16-080(1) (j) (vi) (B) exempts lands from being considered critical habitat (and therefore not a Class IV Special) if a protocol survey has been conducted and no marbled murrelets were detected. WAC 222-12-090 (14) states "The Pacific Seabird Group survey protocol dated January 6, 2003, and formally titled *Methods for Surveying Marbled Murrelets in Forests: A Revised Protocol for Land Management and Research*, shall be used when surveying for marbled murrelets in a stand. Surveys are valid if they were conducted in compliance with the board-recognized Pacific Seabird Group survey protocols in effect at the beginning of the season in which the surveys were conducted."

The protocol survey standards and forms are available from the Washington State Department of Fish and Wildlife (WDFW) or from <http://www.pacificseabirdgroup.org/pubs.html> . The survey is titled "Methods for Surveying Marbled Murrelets in Forests: A Revised Protocol for Land Management and Research "

WDFW assigns a status code of 1 to 5 to describe varying levels of marbled murrelet activity as follows.

Occupancy	<u>Status 1</u>	Nest site
	<u>Status 2</u>	Presence of downy young murrelets or eggshell fragments
	<u>Status 3</u>	Other occupancy behaviors as described in WAC 222-16-010 under "Occupied marbled murrelet site".
Presence Behaviors	<u>Status 4</u>	Presence behaviors where murrelets are seen or heard, though occupancy is not detected
No Detection	<u>Status 5</u>	Protocol survey was completed, but no detections were made

If the survey indicated marbled murrelet occupancy (Status 1-3 detection), your application is a "Class IV Special Forest Practice" and will require a completed State Environmental Policy Act (SEPA) Checklist:

- For road construction or timber harvest (other than removal of down trees outside of the critical nesting season) within the occupied site (WAC 222-16-080 (1) (j) (i)) and,

- For road construction or timber harvest within the managed buffer which leaves less than the required leave trees and buffer widths (WAC 222-16-080 (1) (j) (v)).

If the survey indicated presence (status 4 detection) or no detections (Status 5 detection) the survey area may not be considered critical habitat. The survey protocol must first be reviewed and accepted by DNR and WDFW.

Instructions for completing the table in question 1:

- Survey ID – If the survey has been submitted to DNR or WDFW, use the same survey name that was used previously.
- Township, Range, & Section – Provide the section where the majority of the survey area is located.
- Survey was approved by WDFW – If you have submitted your survey to WDFW and they approved the survey protocol, attach the approval letter from WDFW.
- Survey was disapproved by WDFW and is being resubmitted with this FPA/N - If the survey was disapproved by WDFW, include an explanation of how the survey applies to this forest practice. Submit the WDFW letter of disapproval and a copy of the survey with your FPA/N.
- Survey has been submitted to WDFW and survey approval is unknown - If the survey has previously been submitted to WDFW but the approval status is unknown, indicate the survey results (occupancy, presence, or no detections) in the table. Include a copy of the survey and the date the survey was submitted to WDFW with the FPA/N.
- Survey is complete but has not yet been submitted to WDFW – If the survey has not yet been submitted to WDFW, indicate the survey results (occupancy, presence, or no detections) in the table. Include a copy of the survey with the FPA/N.

Example:

Survey ID (Name or Unit #)	Township, Range, & Section	Survey was approved by WDFW (Attach approval letter from WDFW)	Survey was disapproved by WDFW and is being resubmitted with this FPA/N (Explain below)	Survey has been submitted to WDFW and survey approval is unknown (Explain below)	Survey is complete but has not yet been submitted to WDFW (Submit survey with FPA/N)
Jones Creek Survey	T14N, R3W, Sec 1	[X] Occupancy [] Presence [] No Detections	[] Occupancy [] Presence [] No Detections	[] Occupancy [] Presence [] No Detections	[] Occupancy [] Presence [] No Detections
Rock Cr Survey	T14N, R4W, Sec 6	[] Occupancy [] Presence [] No Detections	[] Occupancy [] Presence [] No Detections	[] Occupancy [] Presence [X] No Detections	[] Occupancy [] Presence [] No Detections
		[] Occupancy [] Presence [] No Detections	[] Occupancy [] Presence [] No Detections	[] Occupancy [] Presence [] No Detections	[] Occupancy [] Presence [] No Detections

Explanation: Jones Creek has 3 platforms per acre. Rock Cr was submitted to WDFW 9/30/04.

2. Will you harvest, salvage or construct roads within 0.25 miles of an occupied site?

If “Yes”, timing restrictions apply. See WAC 222-24-030, WAC 222-30-050, WAC 222-30-060, WAC 222-30-070, and WAC 222-30-100. Check with the DNR region office for more information.

3. Will you fly helicopter(s) over or within 0.25 miles of an occupied site?

If “Yes”, timing restrictions apply. See WAC 222-30-065. Check with the DNR region office for more information.

4. Will you harvest live trees in a buffer of an occupied site?

If Yes, describe the leave trees and buffer widths you will leave.

NOTE: If you leave less than required in WAC 222-16-080(1) (j) (v) this is a Class IV-Special and an Environmental Checklist is required

Description of managed buffers: There is a buffer on Unit #1. The retention trees will be marked with blue paint. There will be a minimum of 75 trees per acre. The buffer width varies, but the trees will be evenly spaced.

5. Are there nesting platforms within any harvest unit (including salvage and road construction) that are within 300 feet that:

- Are not located within a surveyed area, and;
- Have a minimum of 2 platforms per acre, and;
- Are located within 7 or more acres of contiguous habitat, and;
- Have a least 40% (number not volume) of the dominant and co-dominant trees made up of Douglas-fir, western hemlock, western red cedar, or Sitka spruce?

If “Yes”, complete the table below for those areas.

Instructions for completing the table below.

- Identifier for delineated stands: Use a number or letter.
- Delineated stand acres: Give the acres of each delineated stand of contiguous habitat. This includes the entire contiguous habitat, both inside and outside the boundaries of the forest practice.
- Nesting platforms per acre: Methods for calculating the number of platforms per acre are described in the Forest Practices Board Manual Section 15.
- Number of trees 32 inches dbh or greater with platforms: This is a tally of the total number of trees with nesting platforms within the stand of contiguous habitat. If using the Inventory Model Method, use the number of trees over 32 inches dbh from the inventory data.
- Platform Assessment Method: Indicate which platform assessment method was used to identify platforms based on the methods listed in the Forest Practices Board Manual Section 15. Field Sampling Method, Sample Plot Method, 100% Cruise Method, Inventory Model Method, or Other: If you used “Other”, attach a thorough description of how the platforms were assessed.

Example:

Name or # (as shown on map) of delineated stands of contiguous habitat	Delineated stand acres	Nesting platforms per acre	Number of trees 32 inches dbh or greater with platforms	Platform Assessment Method Field Sampling Method, Sample Plot Method, 100% Cruise Method, Inventory Model Method, or Other
A	10	7	30	Field Sampling
B	25	3	10	Inventory Model

This will be a Class IV-Special if:

- Delineated stand acres is 7 or more, **and**

- Number of nesting platforms per acre is:
 - 5 or more (if within a the SW Washington special landscape – WAC 222-16-087)
 - 7 or more (if within suitable habitat, but outside the SW Washington special landscape)

6. Are there areas within this forest practice or within 300 feet that:

- **Are not surveyed, and;**
- **Are not listed in question 5, and;**
- **Have trees that are at least 32 inches dbh?**

If “Yes”, list the forest practice unit number(s) below for those areas . Provide brief description of current stand conditions that demonstrates the proposed area is **not** marbled murrelet habitat. Include tree species composition, stand age (if known), and maximum tree size (dbh).

Example:

Unit #(s) 1 [**X**] Within the Unit [] Within 300 feet of the Unit

Description: There is approximately 10 acres of scattered Douglas-fir that average 26” dbh.

Unit #(s) 2 [] Within the Unit [**X**] Within 300 feet of the Unit

Description: There are a few scattered alder trees that are approx 34” dbh.

7. Mapping: If you answered yes to question 1, 4, or 5, include a map (separate from your harvest units and/or road construction). See page 5 for a sample map.

**DO NOT INCLUDE MARBLED MURRELET INFORMATION ON YOUR FOREST PRACTICES
ACTIVITY MAP.**

The marbled murrelet map(s) must show:

- The forest practices unit boundaries (include the unit number from the FPA/N)
- A map legend
- The page size must be letter size (8 ½ inches x 11 inches)
- Scale can range between 1: 4,800 –1:12,000

Additional requirements:

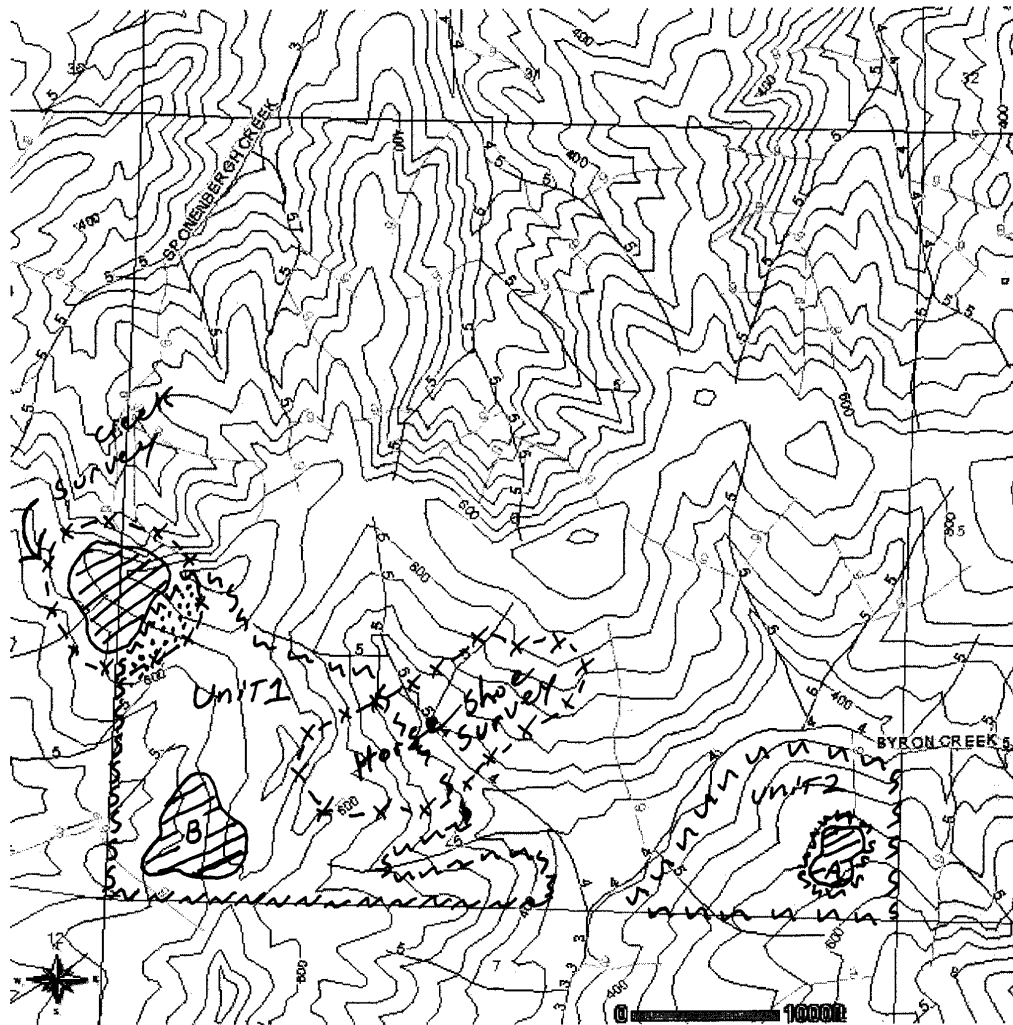
- From Question 1: survey area(s) and, for surveys that indicated occupancy, show the delineated stand(s) of contiguous habitat (include the survey ID from the table)
- From Question 4: 300-foot managed buffer(s) on occupied sites
- From Question 5: delineated stand(s) of contiguous habitat (include the identifier from the table)

This is a hypothetical map for illustration purposes only

FOREST PRACTICE BASE MAP

TOWNSHIP — NORTH HALF 0, RANGE — WEST (W.M.) HALF 0, SECTION —

Application #: _____



uuu FP Unit Boundary

 Delineated Stand of Contiguous Habitat

-x-x- Survey Area

 300 foot Managed Buffer Area

Friday, February 18, 2005 10:53:40 AM
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Contour Interval: 40 Feet

1 of 1

Marbled Murrelet References

- State Environmental Policy Act (SEPA)
 - WAC 222-10-040 Class IV – Special threatened and endangered species SEPA policies
 - WAC 222-10-042 Marbled Murrelets
- Survey Protocol
 - WAC 222-12-090 (14) and (15)
 - Forest Practices Board Manual Section 14 and 15
 - “Methods for Surveying Marbled Murrelets in Forests: A Revised Protocol for Land Management and Research ” <http://www.pacificseabirdgroup.org/pubs.html>
- Definitions for the following are in WAC 222-16-010
 - Critical nesting season
 - Daily peak activity
 - Marbled murrelet detection area
 - Marbled murrelet nesting platform
 - Occupied marbled murrelet site
 - Qualified surveyor
 - Suitable marbled murrelet habitat
 - Threatened or endangered species
- WAC 222-16-050 (1) (b) Class IV- Special (lists when a SEPA checklist is required)
- WAC 222-16-080 (1) (j) Critical habitat for marbled murrelet (details on buffers and surveys)
- WAC 222-16-087 Marbled murrelet special landscape (map showing the Southwest Washington Special Landscape)
- Timing restrictions:
 - WAC 222-24-030
 - WAC 222-30-050
 - WAC 222-30-060
 - WAC 222-30-065
 - WAC 222-30-070
 - WAC 222-30-100